

# Principles of Infectious Disease Epidemiology

## Resource List

### 1. Epi Info

With Epi Info and a personal computer, you can rapidly develop a questionnaire or form, customize the data entry process, and enter and analyze data. Epidemiologic statistics, tables, graphs, and maps are produced with simple commands. It's free!

Centers for Disease Control and Prevention

<http://www.cdc.gov/epiinfo/>

### 2. Using Epi Info Guide: A Step-by-step Guide

This is a user-friendly, hands-on, spiral-bound manual, which clearly explains each function of Epi Info with exercises drawn from real-life situations.

Public Health Foundation Training Resource Center

<http://bookstore.phf.org/prod275.htm>

### 3. Geographic Information System (GIS) & Global Positioning System (GPS)

The following site provides a basic overview of GIS functionality:

[www.gis.com](http://www.gis.com)

The following provides a basic overview of GPS functionality:

<http://www.trimble.com/gps/whatgps.shtml>

The Missouri Department of Health and Senior Services web site describes how GIS and GPS is being used, include contact information:

<http://www.dhss.mo.gov/GIS/>

### 4. Introduction to Epidemiology (Epi for Everyone)

Easy to use CD; applicable to *everyone* working in public health.

Missouri Department of Health and Senior Services

Call 573-751-6170 or e-mail [IntroToEpi@dhss.mo.gov](mailto:IntroToEpi@dhss.mo.gov) to request a free copy.

### 5. E is for Epi: Epidemiology Basics for Non-Epidemiologists

This course is designed to be used for computer-based self-study, as a face-to-face training tool for trainers, or for lunch and learn seminars or in-service trainings.

North Carolina Center for Public Health Preparedness

[www.sph.unc.edu/nccphp](http://www.sph.unc.edu/nccphp) or [nccphp@unc.edu](mailto:nccphp@unc.edu) or 919-843-5561

### 6. Epidemiologic Case Studies

Several case studies are available in computer-based and classroom formats at this CDC site.

These case studies are interactive exercises developed to teach epidemiologic principles and practices. They are based on real-life outbreaks and public health problems and were developed in collaboration with the original investigators and experts from the CDC. The case studies require students to apply their epidemiologic knowledge and skills to problems confronted by public health practitioners at the local, state, and national level every day.

<http://www2a.cdc.gov/epicasestudies/>

### 7. Missouri State Public Health Laboratory

<http://www.dhss.mo.gov/Lab/index.html>

### 8. CDC Self-Study Course: Principles of Epidemiology in Public Health Practice, Third Edition

The introductory self-study course, Principles of Epidemiology in Public Health Practice, Third Edition, is now available online. The course is designed for public health professionals at the state and local level who have, or expect to have, responsibility for outbreak investigations or public health surveillance. Continuing education credits are offered to physicians, nurses, veterinarians, pharmacists, certified public health educators, and other professionals. The self-study course (SS1000) is available at no charge at <http://www2a.cdc.gov/phtnonline>.

